APEX DIGITAL

beyond expectation

LE3212D

ENERGY STAR

USER'S MANUAL

32" LED TV Combo

012411

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

Safety:

TO REDUCE THE RISK OF ELECTRICAL SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS ARE INSIDE. REFER TO QUALIFIED PERSONNEL ONLY.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the television.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

NOTE TO CABLE/TV INSTALLER:

This reminder is provided to call the CATV system installer’s attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

FCC REGULATORY INFORMATION:

This television has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This television generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this television does cause interference to other electronic equipment, which can be determined by turning the television off and on, then the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and television.
- Connect the equipment into an outlet on a circuit different from that to which the television is connected.
- Consult your dealer or an experienced radio/TV technician for assistance.

Any changes or modifications not expressly approved by the party responsible for compliance may void the user’s authority to operate the equipment.

Important safeguards for you and your new TV

Observing the simple precautions discussed in this booklet will provide you with many years of enjoyment and safe operation. This product complies with all applicable U.S. Federal safety requirements, and those of the Canadian Standards Association.

1. Read & Follow Instructions

All safety and operating instructions should be read and followed before the TV is operated.

2. Retain Instructions

The safety and operating instructions should be retained for future reference.

3. Heed Warnings

All warnings on the TV and in the operating instructions should be adhered to.

4. Cleaning

Unplug the TV from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a soft and slightly damp cloth for cleaning.

5. Water and Moisture

Do not use this TV near water, for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.

6. Accessories Carts and Stands

Do not place this TV on a slippery or tilted surface, or on an unstable cart, stand, or table. The TV may slide or fall, causing serious injury to a child or adult, and serious damage to the TV.

7. Transporting the Television

A TV and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the TV and cart combination to overturn.

8. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the TV and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the TV on a bed, sofa, rug, or other similar surface. The TV should not be placed in a built-in installation such as a book-case or rack unless proper ventilation is provided.

9. Power Sources

This TV should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your electronics retailer or local power company.

10. Power-Cord Polarization

This TV is equipped with a three-wire grounding type plug, a plug with a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, the contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

11. Power-Cord Protection

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the TV.

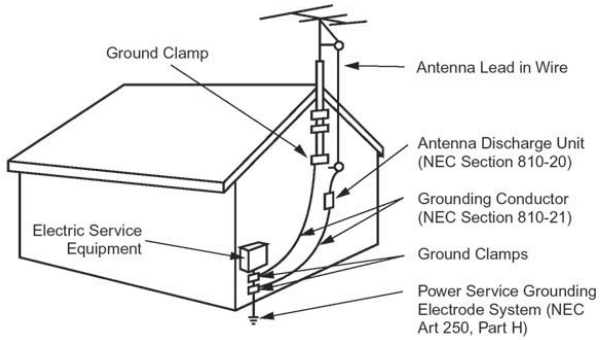
12. Lightning

For added protection for the TV during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the TV from light-ning and power-line surges.

13. Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the TV be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built up static charges. Article 810 of the National Electrical Code (U.S.A.), ANSI/ NFPA 70 provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Example of Grounding According to National Electrical Code Instructions


Ground Clamp
Antenna Lead in Wire
Antenna Discharge Unit (NEC Section 810-20)
Grounding Conductor (NEC Section 810-21)
Electric Service Equipment
Ground Clamps
Power Service Grounding Electrode System (NEC Art 250, Part H)

NEC - National Electrical Code

14. Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall on to power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

15. Overloading

Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

16. Object and Liquid Entry

Never push objects of any kind into this TV through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on or inside the TV.

17. Servicing

Do not attempt to service this TV yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

18. Damage Requiring Service

Unplug from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- **a.** If the power-supply cord or plug is damaged.
- **b.** If liquid has been spilled, or objects have fallen into the product.
- **c.** If the TV has been exposed to rain or water.
- **d.** If the TV does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- **e.** If the TV has been dropped or the cabinet has been damaged.
- **f.** If the TV exhibits a distinct change in performance.

19. Replacement Parts

When replacement parts are required, be sure that only an authorized service technician has used replacement parts specified by Apex Digital or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards and void any warranty.

20. Safety Check

Upon completion of any service or repairs to this TV, ask the service technician to perform safety checks to determine whether the product is in proper operating condition.

21. Wall Mounting

The TV should be mounted to a wall only by a professional. The TV may slide or fall, causing serious injury to a child or adult, and serious damage to the product. Warranty shall be voided.

22. Heat

The TV should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including) amplifiers) that produce heat.

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Thank you for purchasing the Apex LE3212D Television. It has been designed to enjoy today's high definition television experience. With a display resolution of 1,366 x 768 (720p) you are assured of one of the finest quality televisions available today. View HDTV and digital broadcasts over-the-air when connected to an antenna. Choose an outdoor antenna for the best possible reception. Visit www.antennaweb.org.

Your television offers many digital and analog inputs. Three (3) High Definition Multimedia Interface (HDMI) interconnects offer the purest audio and video digital signal when connected to compatible HD sources (ie: HD set-top box, high definition blu-ray player, gaming console). Other video inputs include one (1) HD component, (1) composite, one (1) VGA terminal for connection to a computer. A coaxial digital audio (SPDIF) jack is included to connect through your home amplifier/ receiver to provide a spectacular home theater sound experience, (1) Earphone jack is provided.

Your new television is an ENERGY STAR certified device which meets energy saving standards to reduce power consumption and the associated cost of use. From the factory, the default picture setting is currently set in the Power Saving mode.

We recommend that you read the user manual thoroughly before use to familiarize yourself with the installation and adjustment options available to you, thereby enjoying all the features of the LE3212D for many years to come.

For peace of mind and valuable services, please take a moment to register your product at **www.tmaxdigital.com**.

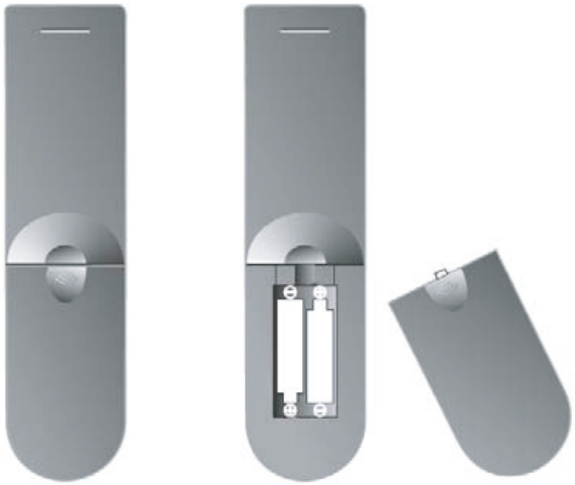
The **LE3212D** package includes the following items:

- **LE3212D HDTV with DVD**
- **Pedestal Base / Hardware**
- **Pedestal Instructions**
- **Remote Control**
- **AAA Batteries**
- **Quick Start Guide**
- **User Manual**

- **Remote Control**
- **2 x AAA Batteries**

- **User manual**
- **Quick Start Guide**

Your remote control handset is powered by two (2) AAA type batteries



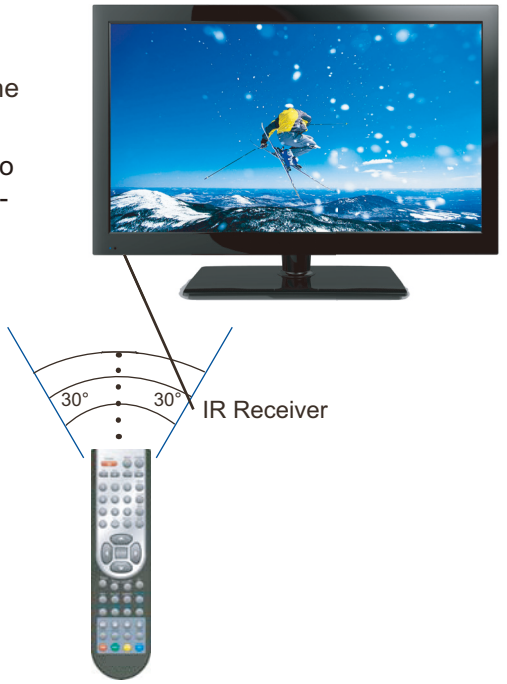
• To insert batteries, turn the remote control over and remove the battery cover.

• Place two (2) AAA batteries into the compartment with correct polarity.

• Replace the cover.

- When pointed towards the television, the effective rang is approximately 16 feet from the front of the IR receiver, 30° to the left and right, 20° up and down.
- To avoid damage from possible battery chemical leakage, remove the batteries if you do not plan to use the remote control handset for an extened period of time.Do not mix batteries of different age and or type. Always discard used batteries safely.
- Do not expose remote control to liquids, direct sunlight or sources of excessive heat.
- The IR receiver will not work properly if TV is in direct sunlight, the remote control is pointed off-axis or an object is in the IR path.

NOTE: Improper use of batteries can result in a chemical leakage or explosion.



Functions can be controlled using the remote control handset

1.**POWER** - To turn LCD Display(DVD) ON or OFF(STANDBY).

2.MUTE - Press to mute or restore sound. An icon will display when Mute is active.

3.SOURCE - Press to select TV Input source(TV,AV,Component,HDMI,VGA,DVD).

4.CH+/CH- - Select Channel up and down.

5.VOL+/VOL- - Adjust volume up and down.

6.NUMBER KEYS

7.10+/-/-- - In DVD mode,active as 10+ and in TV mode,digital channel selection

8.MENU - Press to display user menu. Press U/D/L/R to navigate & make selections in the Picture,Audio,Time,Setup,Parental&TV menus.

9.ZOOM - In DVD mode, press it to select TV Screen Display. In other mode,press to display or select viewable picture size options: NORMAL> WIDE > ZOOM > CINEMA.

10.EPG - To show Electronic Programmes Guide.

11.EXIT - To return to the screen.

12.RECALL - Return to previus channel.

13.NAVIGATION - UP/DOWN/LEFT/RIGHT

14.ENTER - Press ENTER to confirm your operation.

15.SLEEP - Press to active the sleep function to turn off the television automatically:OFF>5 Min>10 Min>15 Min>30 Min>45 Min>60 Min> 90 Min>120 Min>180 Min>240 Min.

16.SOUND - Press to select from various preset audio EQ settings: Personal > Standard > Music > Movie.

17.PICTURE - Press to select from various preset picture modes: Personal > Standard > Dynamic > Movie.

18.CC - Select Closed Caption subtitles.

19.MTS- Press to select a second audio channel.

20.CH.LIST - Press to display a list of channels saved in the TV tuner memory.

21.DISPLAY - Press to display program information currently on screen.

22.SETUP - DVD Setup menu.

23.TITLE - To DVD Title menu.

24.D.MENU - To DVD disc menu.

25.REP - Repetition button.

26.A-B - Segment Repetiton button.

27.PLAY/PAUSE - Play/Pause Disc playback.

28.STOP - Stop disc playback.

29.SLOWF - Slow forward playback.

30.EJECT - Eject the disc.

31.GOTO - Search button.

32.ANGLE - To select the Angle of DVD disc.

33.SUB - To select the DVD disc subtitle.

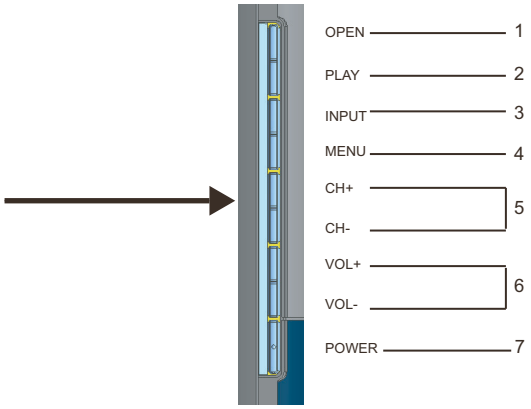
34.AUDIO - To select the disc audio.

35.PREVIOUS - To the previous track if have.

36.NEXT - To the next track if have.

37.FASTB - Fast backward button.

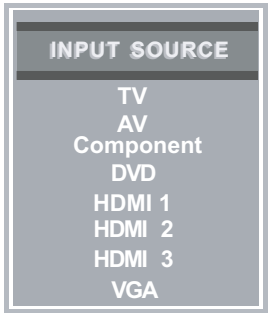
38.FASTF - Fast forward button.



1. OPEN-To open and close the disc tray.

2. PLAY-Press PLAY button to play the disc.

3. Input - After connecting your DVD, Cable Box, etc., select the appropriate input source to view. Press the SOURCE button to display input options. Press ▼▲ buttons to highlight an input. Press ENTER to select.



4. Menu - Press the MENU button to display and adjust your TV settings. Press again to turn the OSD (on screen display) OFF. To adjust settings from here, press ▼▲◀ ▶ to navigate a highlighted setting then press Enter to select and adjust.

5. Channel (CH+ /CH-) - Press the **CH+ /CH-** buttons to select a channel in TV mode.

6. Volume (VOL+ / VOL-) - Press the **VOL+ / VOL-** buttons to adjust volume up or down.

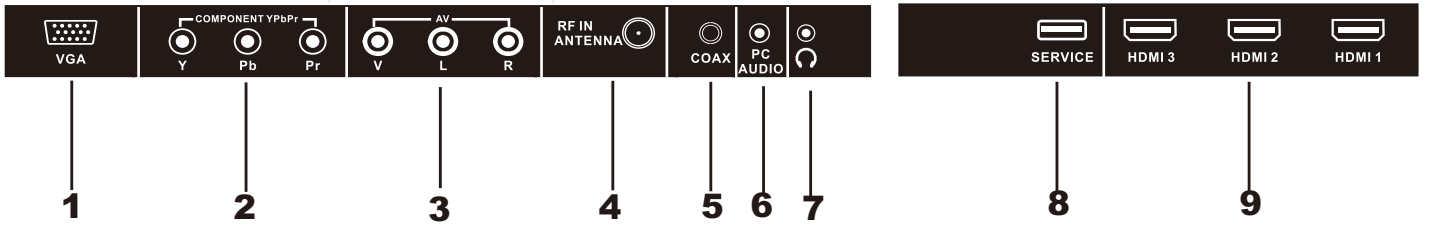
7. Power - Press the POWER button to turn the LCD display ON/ OFF (standby). When the power is on, the blue LED illuminates. The screen image will appear within a few seconds.

Wall Mounting

It is recommended that you call your local TV dealer or a licensed contractor to secure the television to the wall using a suitable VESA 200mmx 100mm wall mount hardware.

Removal of TV Pedestal for Wall Mounting

To remove the pedestal base from the television, unscrew the (5) Philips head screws and remove the entire assembly.



1. VGA Input - Connect an optional VGA cable (not included) from your personal computer

2. Component Y Pb Pr Input - Connect to an AV device that features component (Y Pb Pr) video and audio output jacks.

3. AV Input - Connect an external device to the composite VIDEO (V) and AUDIO (L/R) output jacks found on most video equipment.

4. RF Input - Connect an antenna or cable connection for television reception.

Note: Use an outdoor antenna, cable or satellite for best reception.

5.COAX - Connect an optional coaxial digital cable through a compatible amp/receiver to enjoy superior audio sound.

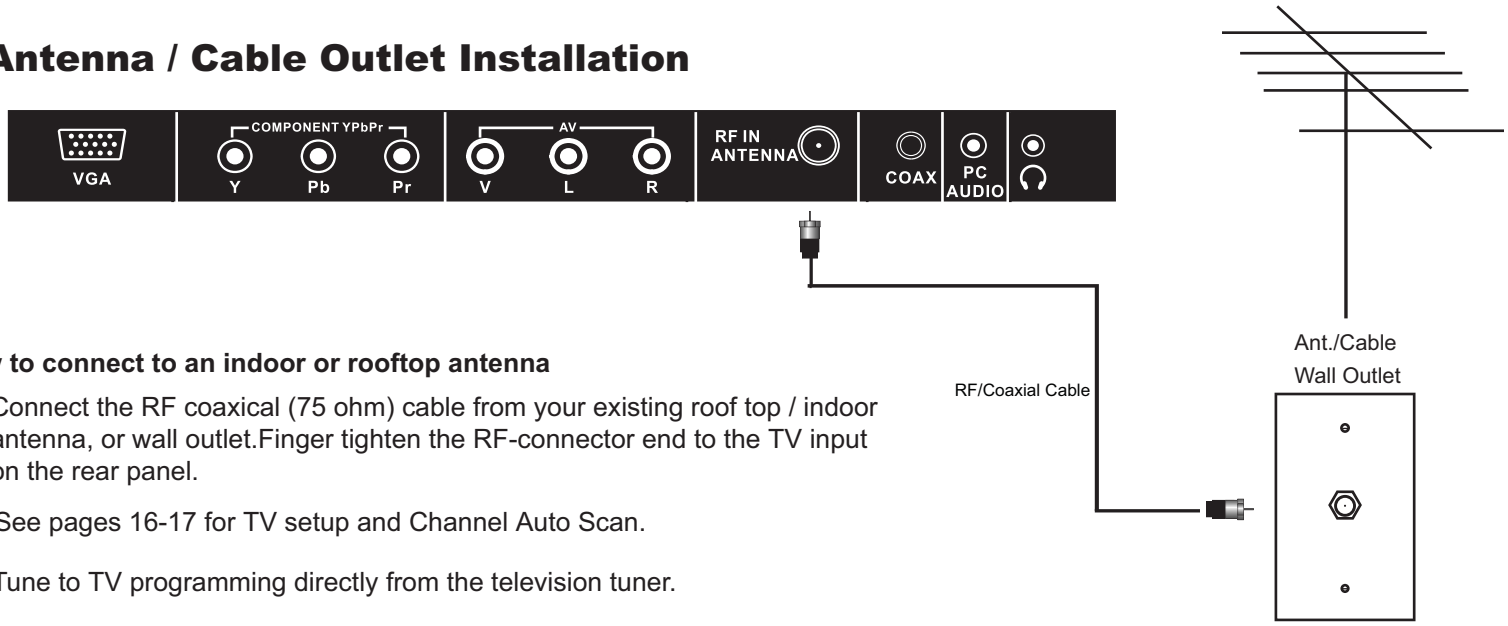
6.PC Audio Input (3.5mm) - 3.5mm audio cable (not included) for sound.

7. Headphone Jack - Connect a stereo headphone (3.5mm for private listening.

8. SERVICE Port - For service technician use only.

9. HDMI Inputs (3) - Connects to digital AV equipment that feature HDMI connectivity. HDMI supports enhanced high definition video and up to 7.1- channel digital audio all from one cable.
Recommended for best performance. HDMI cable not included.

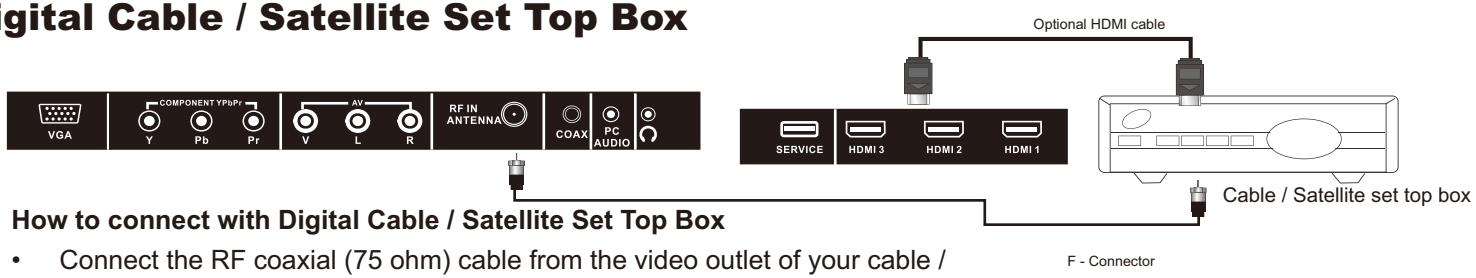
Roof Antenna / Cable Outlet Installation



How to connect to an indoor or rooftop antenna

- Connect the RF coaxical (75 ohm) cable from your existing roof top / indoor antenna, or wall outlet.Finger tighten the RF-connector end to the TV input on the rear panel.
- See pages 16-17 for TV setup and Channel Auto Scan.
- Tune to TV programming directly from the television tuner.

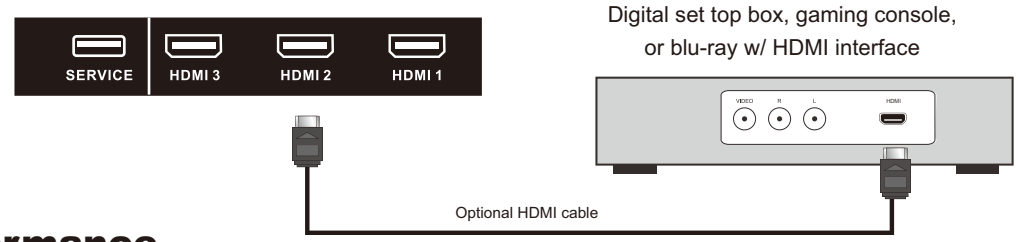
Digital Cable / Satellite Set Top Box



How to connect with Digital Cable / Satellite Set Top Box

- Connect the RF coaxial (75 ohm) cable from the video outlet of your cable / Satellite box to the RF input on the TV's rear panel. Select Ch. 3 or 4 on the TV and select a channel.
- For greater performance, if possible, use component or an HDMI installation. (shown) Refer to your set top box user manual.
- See pages 16-17 for TV setup and Channel Auto Scan.

Connecting to an HD Set-Top Box or Blu Ray DVD Player Using HDMI



For BEST video performance

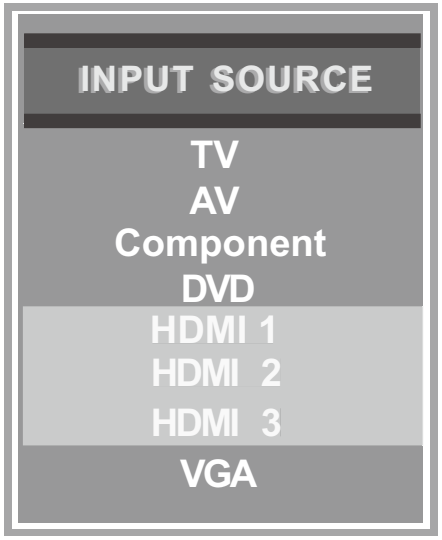
Connect to external equipment that offers HDMI, an uncompressed, all digital video / audio interface found on today's HD digital set top boxes and blu-ray players. Use of this pure digital technology offers enhanced high definition video and digital audio all via a single cable. There are three (3) HDMI inputs available for use with devices such as an HD set top box, gaming console and blu-ray player.

How to Connect HDMI

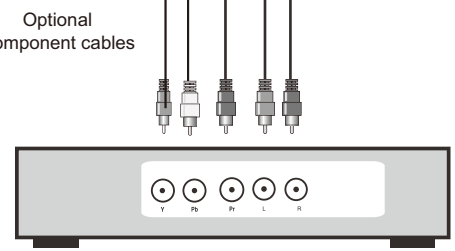
- From your external digital equipment, connect an HDMI cable from the HDMI output to the HDMI input on the TV's rear panel.

How To Use

- Press the SOURCE button on the remote control. Use ▼▲ arrow buttons to highlight the input to view (HDMI 1, 2, 3) then press ENTER.



Connecting External Equipment to Component Video IN (Y Pb Pr)



Optional
Component cables

Digital set top box, gaming console or DVD

For BETTER video performance

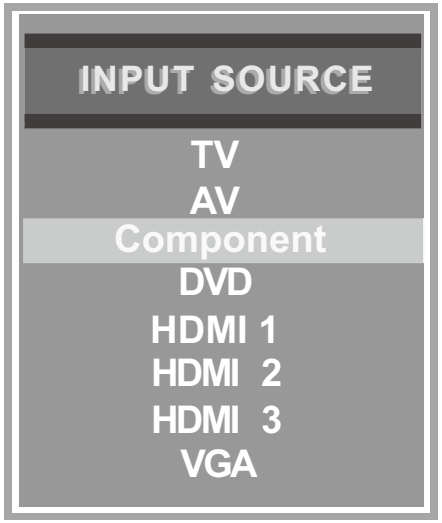
Connect to external equimpent that features component video output jacks for better performance.Use the Component Y Pb Pr video and audio inputs with a set top box, gaming console or DVD player.

HOW to Connect Component

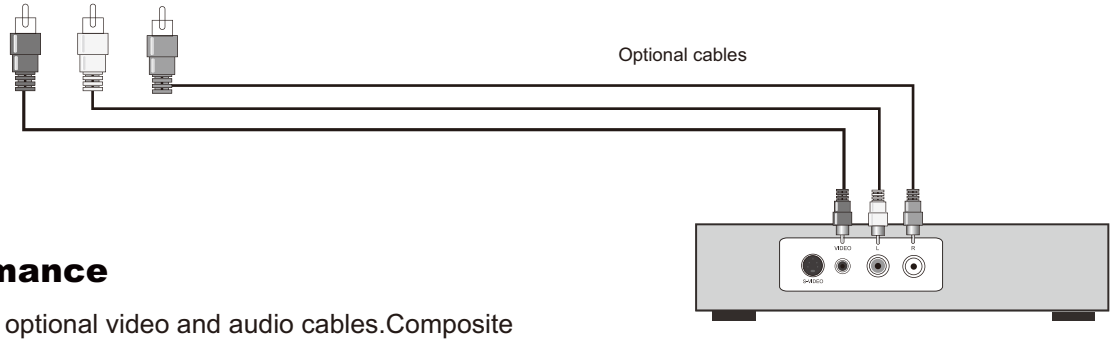
- When connecting external equipment to your television,match the colors of connecting jacks(Video: Blue, Green, Red; Audio:White/Red)
- Connect the optional component video cables(blue, green, red)(not include) from the video output jacks(Y, Pb, Pr) on your external equipment to the Component Y Pb Pr input on the TV's real panel.
- Connect white/red audio cables for sound from the audio (L/R) output jacks on your external equipment to the AV L/R input jacks on the TV's real panel.

HOW to Use

- Press the SOURCE button on the remote control. Use the▼▲ buttons to highlight the input to view (Component) then press ENTER.



Connecting External Equipment to AV Composite IN on your television



Set top box, gaming console, DVD

For GOOD video performance

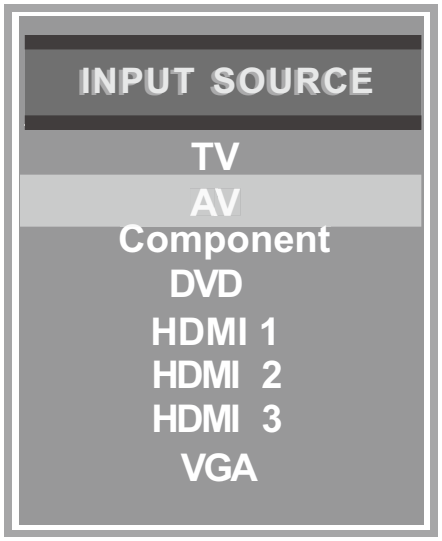
Connect to external equimpent using optional video and audio cables.Composite output jacks are avaiable on most set top cable / satellite boxes and DVD players. (HDMI and Component connections are recommended for the best performance.

How to Connect Composite AV

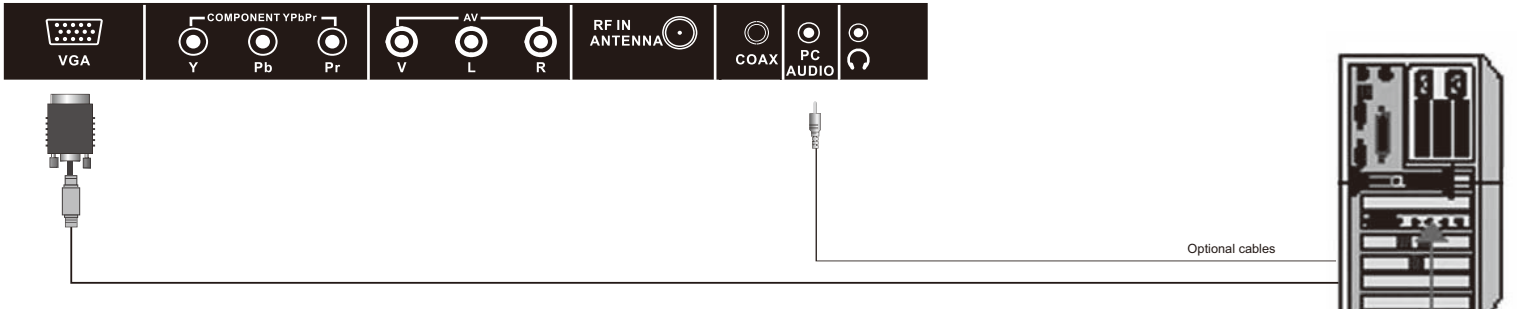
- When connecting external equipment to your television,match the colors of connecting jacks(Video: Yellow, Red; Audio:White&Red)
- Connect the yellow video cable from the video output jack on your external A/V equipment (i.e.: DVD Play, set up box) to AV input on the TV's side panel.
- Connect white/red audio cables for sound from the audio (L/R) output jacks on your external equipment (i.e.: DVD Play, set up box) to the AV L/R jacks on the TV's side panel.

How to Use

- Press the SOURCE button on the remote control. Use the ▼▲ buttons to highlight the input to view (AV) then press ENTER.



Connecting a Personal Computer with VGA to your television



Recommended computer display resolution:1366 x 768 @ 60 Hz

How to Connect a PC

- Connect using an optional male to male VGA cable (not included) from your PC to the VGA input on the TV's side panel.

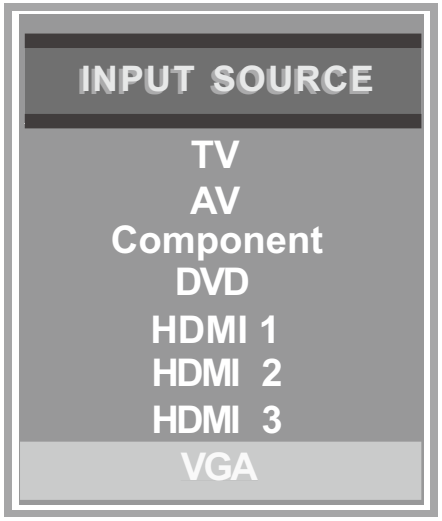
How to Connect Audio sound

- Connect an optional 3.5mm audio cable (not included) from the computer's mini audio output jack to the audio input on the TV's side panel.

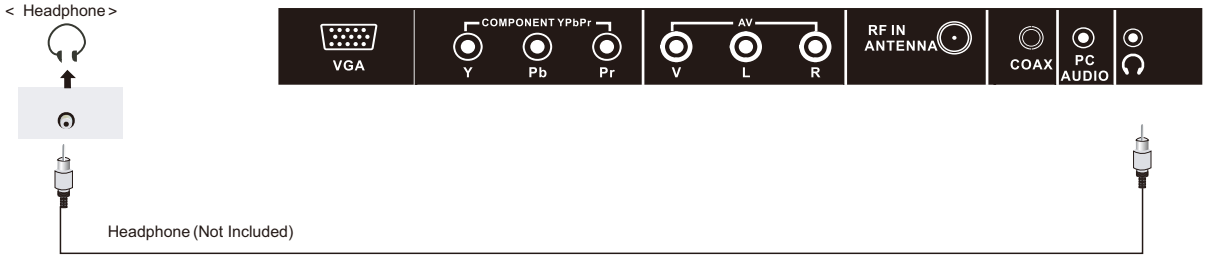
How to Use

- Press the SOURCE button on the remote control. Use the ▼▲ buttons to highlight the VGA input then press ENTER .

NOTE: If your PC uses a standard signal mode, the screen will adjust automatically.



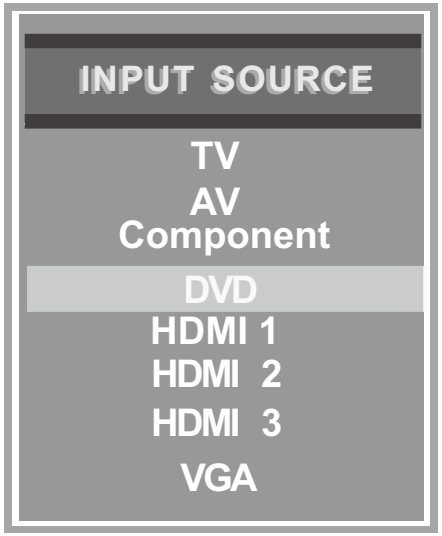
Connecting TO EARPHONE



Playing the DVD

How to use

* Press the SOURCE button on the remote control. Use ▼▲ arrow buttons to highlight DVD, then press ENTER.
* Insert the DVD disc and press Play button.



Initial Setup Wizard

After connecting your TV antenna or cable wire, turn the television ON. A quick setup wizard will display on-screen for selecting your preferred picture setting followed by antenna options and performing Auto Scan to receive local broadcast channels that will be stored in the TV tuner memory.

In **Home Mode**, the television display meets Energy Star standards to reduce power consumption.
In **Retail Mode**, the television provides a more dynamic picture that will increase power consumption beyond Energy Star standards.

The wizard will direct you to the TV menu to select antenna options and run Channel Auto Scan. Channels found will be stored in the TV tuner memory.

How to Navigate:

- Press the ◀ ▶ arrow button to highlight **CABLE or AIR** based on your antenna connection.
- Press the ▼ arrow button to select **Auto Scan** and press **ENTER** (When Cable is selected, 'AUTO' is recommended). Otherwise, press the ▶ arrow button to select STD > IRC > HRC > Auto
- Highlight **Start to Scan** and press **ENTER**.
- **Channel Auto Scan** may take several minutes to complete.

Select antenna options and run Auto Channel Scan to receive television channels.

To enter TV Mode:

- Press the **MENU** button
- Using the ◀ ▶ arrow buttons; scroll to highlight **TV** mode
- Press the down ▼ arrow button to highlight **CABLE** or **AIR**

Select **CABLE** if you subscribe to a pay television service including satellite.

• Using the ◀ ▶ arrow button to highlight **CABLE**

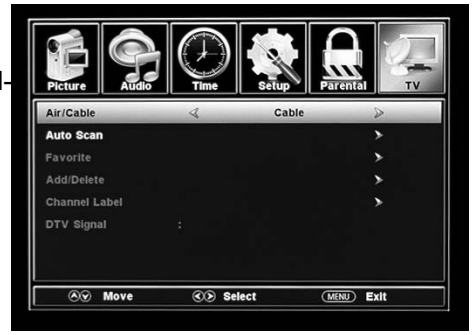
• Press the ▼ arrow button to select AUTO SCAN. Press **ENTER** and the cursor will move up and CABLE SYSTEM will be displayed next.

• Press the ▶ arrow button to select STD > IRC > HRC > Auto (Auto is recommended).

• Press the down ▼ arrow button to select Auto Scan and press **ENTER**.

• **Channel Auto Scan** may take several minutes to complete.

Cable Mode



Air Mode

Select **AIR** when connected to an indoor/outdoor antenna.

• Press the ◀ ▶ arrow button to highlight **AIR**

• Press the down ▼ arrow button to select **Auto Scan** then press the ▶ right arrow button twice to start Channel Auto Scan.

• **Channel Auto Scan** may take several minutes to complete.

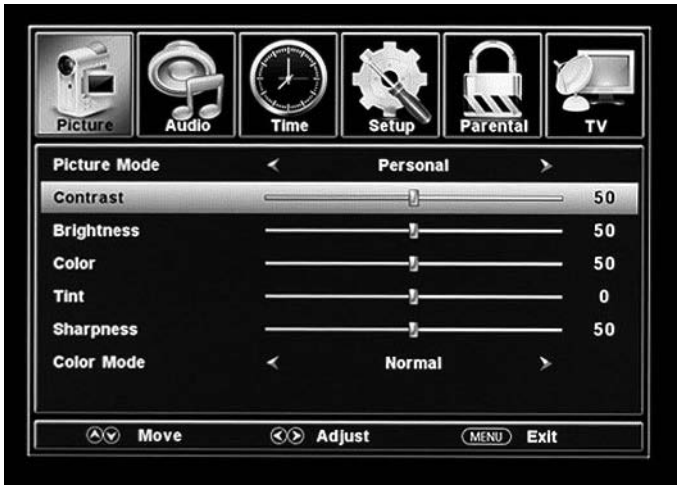
NOTE: For cable or satellite users without an indoor/outdoor TV antenna, there is no need to run Channel Auto Scan. Connect your cable or satellite set top box to one of the available inputs on the TV for viewing. See pages 11-13 for connection details.

The **PICTURE** menu offers options to enhance and refine the picture displayed on your TV based on ambient room light and personal preferences. Adjustment options include contrast, brightness, color, sharpness and color temperature.

How to Navigate:

Press the **MENU** button on the remote control. Navigate using ◀ ▶ arrow buttons to select **PICTURE**. Press the down ▼ arrow button to highlight **PICTURE MODE**, then press the ▶ arrow button to select your viewing preference from 5 factory options:
STANDARD > DYNAMIC > MOVIE > POWER SAVING* >PERSONAL The STANDARD setting is recommended for most viewing environments. Depending on the ambient light level in the room, you may find one of the other options more pleasing.

To make more critical adjustments based on your own preferences in PERSONAL:



• Use down ▼ arrow button to highlight **Contrast**. Navigate using the ◀ ▶ arrow buttons to increase or decrease contrast intensity.

• Use down ▼ arrow button to highlight **Brightness**. Navigate using the ◀ ▶ arrow buttons to increase or decrease overall brightness.

• Use down ▼ arrow button to highlight **Color**. Navigate using the ◀ ▶ arrow buttons to increase or decrease color intensity.

• Use down ▼ arrow button to highlight **Tint**. Navigate using the ◀ ▶ arrow buttons to adjust colors toward green or reddish tint.

• Use down ▼ arrow button to highlight **Sharpness**. Navigate using the ◀ ▶ arrow buttons to soften or view crisper edges in the picture.

• Use down ▼ arrow button to highlight your **Color MODE** preference. Navigate using the ◀ ▶ arrow buttons to select COOL (more bluish tone), NORMAL or WARM setting.

*The **POWER SAVING** feature adjusts the brightness of the TV in order to save energy and reduce power consumption.

Note: When adjustments are completed, you may select another menu by pressing the Menu button.

The **AUDIO** menu offers options to make sound enhancements while listening through the built-in speakers or to select digital audio options when connected to a Dolby Digital receiver though a (SPDIF) coaxial digital output.

How to Navigate:

Press the **MENU** button on the remote control. Navigate using ◀ ▶ arrow buttons to select **AUDIO**. Press the ▼ arrow button to highlight **SOUND MODE**, then press the ▶ arrow button to select your sound preference from 4 factory options:
PERSONAL > STANDARD > MUSIC > MOVIE.

To make more critical sound adjustments based on your own preferences in PERSONAL:

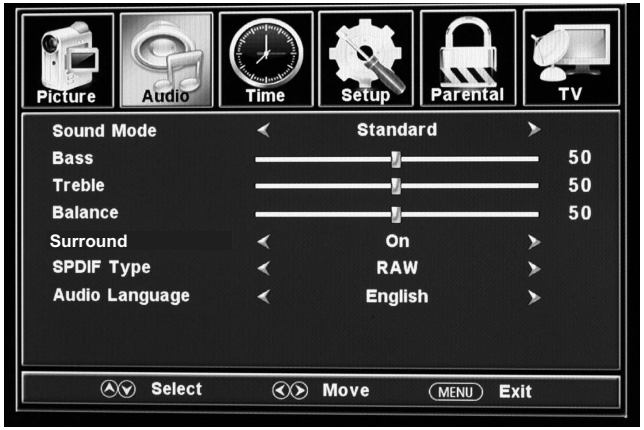
• Press down ▼ arrow button to highlight **Bass**. Navigate using the ◀ ▶ arrow buttons to increase or decrease low frequency intensity.

• Press down ▼ arrow button to highlight **Treble**. Navigate using the ◀ ▶ arrow buttons to increase or decrease high frequency intensity.

• Press down ▼ arrow button to highlight **Balance**. Navigate using the ◀ ▶ arrow buttons to adjust sound towards the left or right speaker.

• Press down ▼ arrow button to highlight **Surround**. Navigate using the ◀ ▶ arrow buttons to adjust Surround on or off.

• Press down ▼ arrow button to highlight **SPDIF type**. Navigate using the ◀ ▶ arrow buttons to select between PCM (Analog Audio) > RAW (Digital Audio). See page 15.



• Press down ▼ arrow button to highlight **Audio Language**. Navigate using the ◀ ▶ arrow buttons to select to listen to an alternative language broadcast (if available) English > Spanish > French.

Note: This feature is not available when text is grayed out.

(You may select an alternative language using the remote control by pressing **MTS)**

Note: When adjustments are complete, you may select another menu by pressing the Menu button.

The **TIME** menu includes adjustment of settings for your local time zone and daylight savings time. The clock will adjust automatically after the initial Channel Auto Scan of available broadcast channels in your area. (See page 17 for TV Setup)

How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow ◀ ▶ buttons to select **TIME**.

- Press down ▼ arrow button to highlight **Sleep Timer** then press the ▶ arrow button to select between:
5 Min > 10 Min > 15 Min > 30 Min > 45 Min > 60 Min > 90 Min > 120 Min > 180 Min > 240 Min > OFF.

- Use down ▼ arrow button to highlight **Time Zone**. Then press the ▶ arrow button to select between: **EASTERN > CENTRAL > MOUNTAIN > PACIFIC > ALASKA > HAWAII**

- Use down ▼ arrow button to highlight **Daylight Savings Time**. Navigate using the ◀ ▶ arrow buttons to turn this feature on or off.

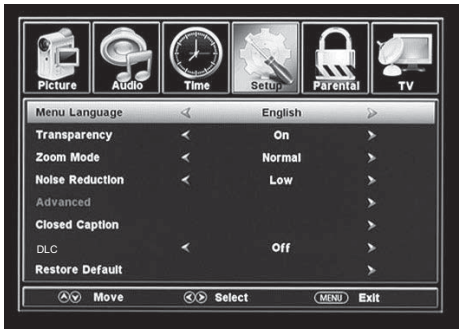
Note: When adjustments are completed, you may select another menu by pressing the Menu button.

In the **SETUP** menu you may change the initial set up of preferences that include settings for language, menu display, computer monitoring, closed captions, enhancement of black detail in the picture and resetting your TV back to its factory default status.

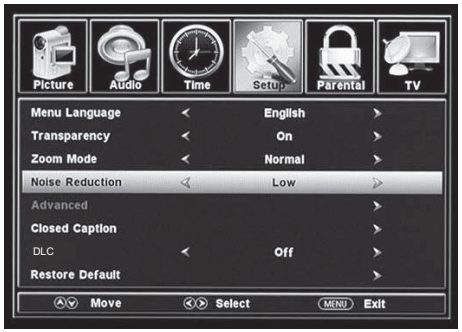
How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow ◀ ▶ buttons to select **SETUP**. Gain access to display options by pressing the down ▼ arrow button to highlight **Menu Language** or other options, then press ▶ arrow button on your remote to select.

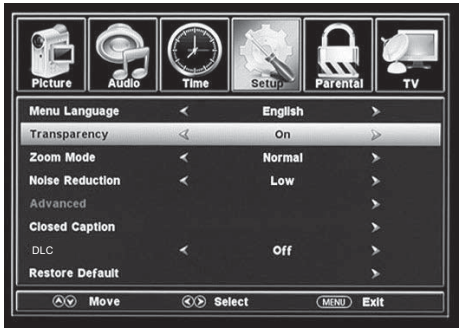
• Other languages include Spanish and French.



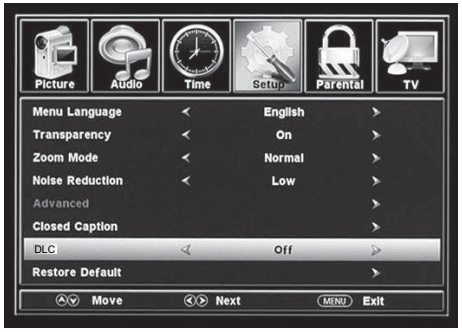
• Highlight **Noise Reduction**. Navigate using the ◀ ▶ arrow buttons to reduce video noise: Off > Low > Medium > High
(Default setting: Low)



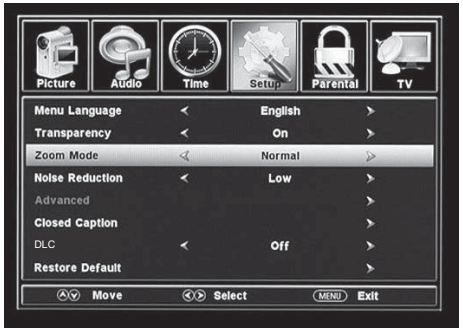
• Highlight **Transparency**. Navigate using the ◀ ▶ arrow buttons to turn Off ▶ On the translucent effect of the User menu.



• Highlight **XVS**. Navigate using the ◀ ▶ arrow buttons to select: Off > On. XVS provides noticeable black detail enhancement that may be preferred.

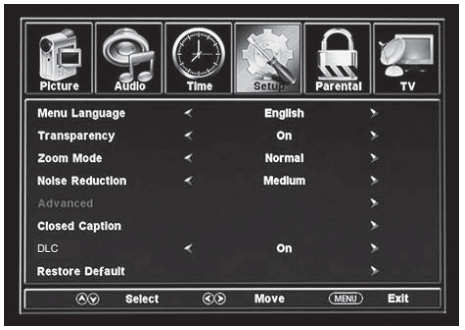


• Highlight **Zoom Mode**. Navigate using the ◀ ▶ arrow buttons to select the viewing mode displayed: Normal > Wide > Zoom > Cinema.
(This feature is also available on the remote control. See page 27)



• Highlight **Restore Default**. Press the ▶ arrow button to automatically set all adjustments back to their original settings.

When prompted, Select “Yes” to confirm.



NOTE: Closed Caption and Advanced are features described on the following pages.

The **SETUP** menu includes adjustments for activating the **Closed Caption** feature for display on the television and customizing CC display types and font styles.

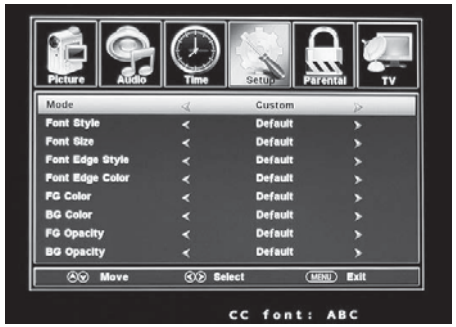
How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow ◀ ▶ buttons to select **SETUP**.
Press the down ▼ arrow button to highlight **Closed Caption**.

• Use down ▼ arrow button to highlight **Advanced Selection**. Navigate using the ◀ ▶ arrow buttons to select Service 1-6.

• Use down ▼ arrow button to highlight **CC Mode**. Navigate using the ◀ ▶ arrow buttons select Off > On > CC on Mute

• Use down ▼ arrow button to highlight **Option**. Press the ▶ arrow button to enter a menu with options to customize text fonts, colors and opacities.



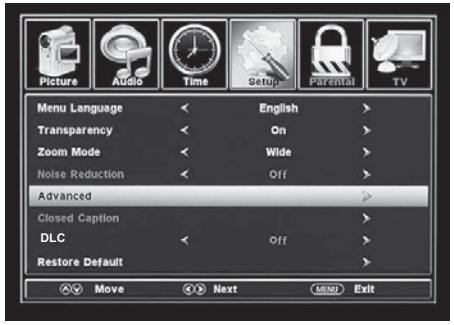
• Use down ▼ arrow button to highlight **Basic Selection**. Navigate using the ◀ ▶ arrow buttons select CC 1-4, Text 1-4.

Note: When adjustments are completed, you may select another menu by pressing the Menu button.

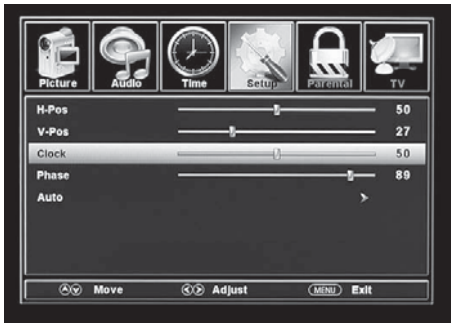
In the **SETUP** menu you may adjust the position of images displayed on screen once you connect an input signal from your **PC**. Recommended resolution is 1,366 x 768. For use with a laptop computer, refer to your computer's owner manual on instruction for proper display output. If your PC system uses a standard signal mode, the screen will adjust automatically. Connect an optional 3.5mm audio cable for stereo sound. See page 14 for details.

How to Navigate:

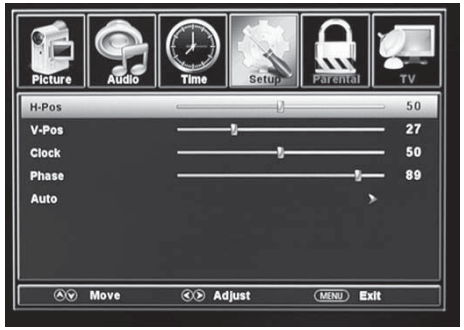
After connecting to a **PC**, press **SOURCE** button and select source to VGA. Press the **MENU** button on the remote control and navigate using arrow ◄ ► buttons to select **SETUP**. Gain access to position adjustment options by pressing the down ▼ arrow button to highlight **Advanced**, then press ► arrow button to select from the following options.



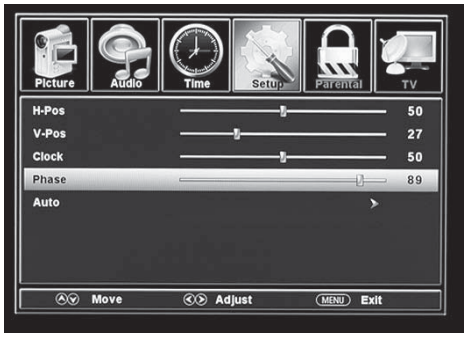
• Highlight **Clock.** Navigate using the ◄ ► arrow buttons to control the width of the image.



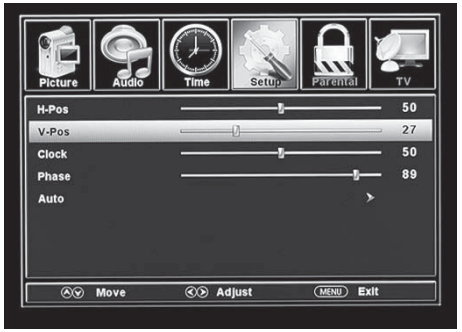
• Highlight **H-Pos.** Navigate using the ◄ ► arrow buttons to adjust the position of images displayed from side to side.



• Highlight **Phase**. Navigate using the ◄ ► arrow buttons to improve focus and image stability.

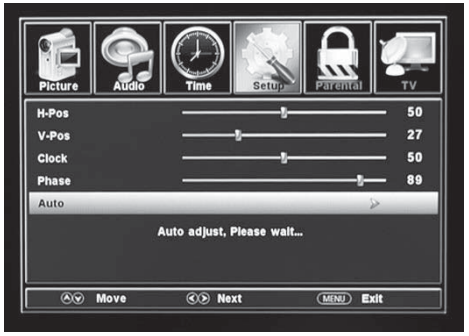


• Highlight **V-Pos.** Navigate using the ◄ ► arrow buttons to adjust the position of images displayed up and down.



• Highlight **Auto**. Press the ► arrow button to automatically adjust the display to the best setting. When prompted, select Yes to confirm.

When prompted, Select "Yes" to confirm.



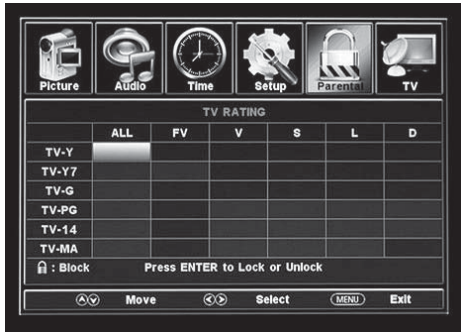
In the **Parental** menu, you may block television and movie programming based on TV ratings and Motion Picture Association guidelines. To gain access and select your preferences within the Parental menu make certain your input is set to TV.

How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow ◄ ► buttons to select **PARENTAL**. Gain access to parental rating options by pressing the down ▼ arrow button to highlight **ENTER PASSWORD**. Enter your 4 digit code (factory default code is "0000") unless previously changed.

• To set parental controls for television programming or DVD movies, press the down/up ▼▲ arrow buttons to highlight US. Navigate using the ◄ ► buttons to highlight **TV/MPAA** menu.

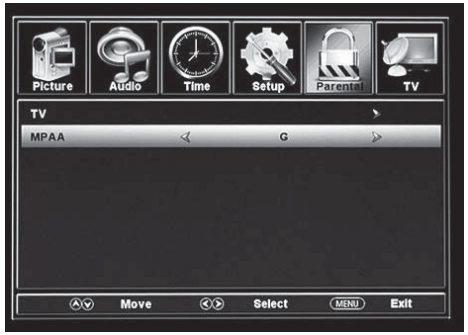
• To change the password, press ► arrow button to display a screen to enter you new password, then confirm again. (Not illustrated)



• Highlight TV, then press the ► arrow button to enter the TV Ratings menu to select your preference.

TV -Y Appropriate for all children
TV -Y7 Appropriate for all children over 7
TV -G General Audience
TV - PG Parental Guidance Suggested
TV - 14 Parents Strongly Cautioned
TV - MA Mature Audience Only

• To make changes to **PARENTAL** controls, highlight **SYSTEM LOCK** then press the ► arrow button to **ON**.



• Highlight MPAA then press the ► arrow button repeatedly to select your movie rating preference.

G General Audience
PG Parental Guidance Suggested
PG13 Parents Strongly Cautioned
R Restricted
NC17 No One Under 17 Permitted
X Adults Only

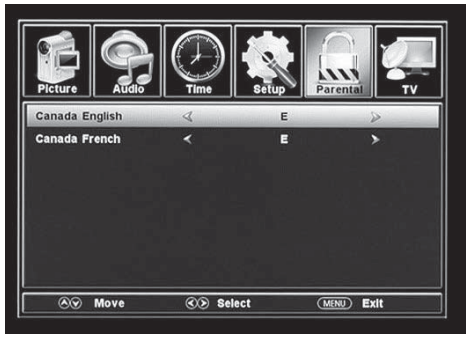
NOTE: RRT Setting and Reset RRT are not user adjustable settings.

In the **PARENTAL** menu, you may block television and movie programming based on Canadian TV and movie rating guidelines. To gain access and select your preferences within the Parental menu make certain your input is set to **TV**.

How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow ◄ ► buttons to select **PARENTAL**. Gain access to rating options by pressing the down▼ arrow button to highlight **ENTER PASSWORD**. Enter your 4 digit code (factory default code is “0000”) unless previously changed. See page 24 for information on how to change your password.

• Navigate using down ▼ arrow button to highlight **CANADA ENGLISH** then press the ► arrow button repeatedly to select your ratings preference.



E	Appropriate for everyone
C	Appropriate for all children
C8+	Appropriate for everyone 8 years old and up
G	General Audience
PG	Parental Guidance
14+	Appropriate for Children over 14 years old
18+	Mature Audience Only

• Navigate using down ▼ arrow button to highlight **CANADA FRENCH** then press the ► arrow button repeatedly to select your ratings preference.

E	Appropriate for everyone
G	General Audience
8 ans+	Appropriate for Children 8 years old and up
13 ans+	Appropriate for Children 13 years old and up
16 ans+	Appropriate for Children 16 years old and up
18 ans+	Mature Audience Only

Note: When adjustments are completed, you may select another menu by pressing the Menu button.

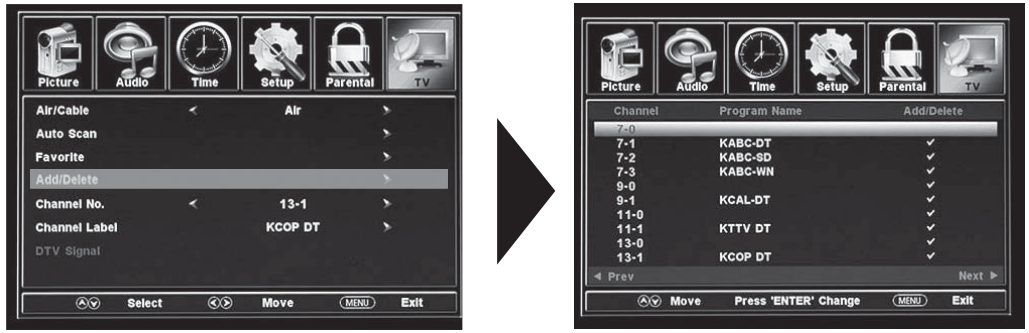
The **TV** menu provides for the setup of your television to receive TV channels, store your favorites, add or skip channels and label them by their call letters. (For antenna and Channel Auto Scan setup, please refer to page 17.)

How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow ◄ ► buttons to select **TV**. Press the down ▼ button to highlight your preferences.

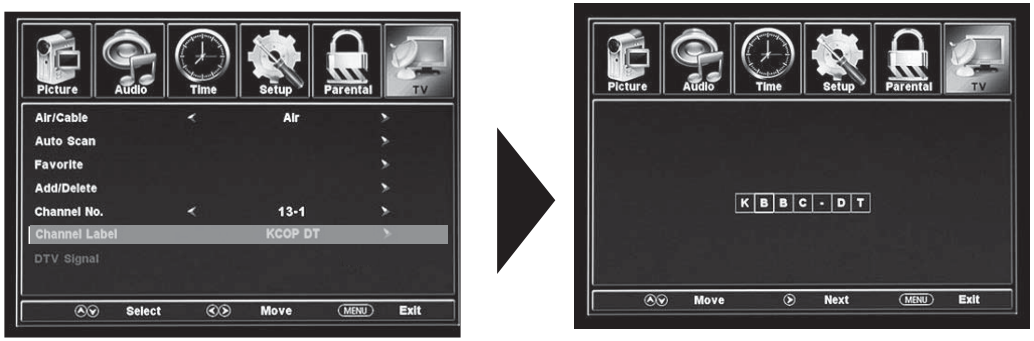
• Highlight **FAVORITE** to add channels to your Favorites List. Navigate using the ◄ ► ▼▲ arrow buttons to select channels to be added or deleted from your list. Press ENTER to add or delete a channel. A check-mark indicates a channel has been added. You may also display your **FAVORITE** list from the remote control by pressing **FAV**.

• Highlight **ADD/DELETE** to select or skip channels already in memory. Navigate using the ◄ ► ▼▲ arrow buttons to access the list of available channels. Press ENTER to change the channels status. A checkmark indicates a channel has been added.



• Highlight **CHANNEL LABEL** to name or rename a broadcast channel. Navigate using the ► arrow button to enter the screen menu to re-label a channel. Use the ▼▲ arrow buttons to spell out each letter, number or character. Use ◄ ► arrow buttons to ad-vance to the next space.

NOTE: The **DTV SIGNAL** is a measurement of signal strength for the current channel viewed.



The **ZOOM** function offers several viewing display options on the 16:9 screen. Press ZOOM to cycle through the following widescreen settings.

Press ZOOM to cycle through the following widescreen settings.

1. NORMAL

Recommended for viewing native widescreen content and undistorted 4:3 images (with black bars).

2. WIDE

Stretches certain 4:3 content and may reduce visible black bars.

3. ZOOM

Stretches the image both vertically and horizontally to fill the screen when viewing widescreen content. The Zoom effect will crop images somewhat.

4. CINEMA

When viewing 4:3 content, Cinema mode will fill the entire screen eliminating visible side black bars. It may also eliminate or reduce black bars on certain widescreen movies.

Information Funtions

Information Display

An On Screen Display (OSD) indicator will be displayed at the upper part TV screen when certain functions are executed, or when pressing the OSD button on the remote control.

The OSD indicator is a user friendly interface designed to display the status of playback type . When a different disc is loaded (DVD, CD, Music ready); the OSD indicator bar will be different.

Support formats

DVD support DVD / CD-DA / JPEG formats.

DVD Player Functions

Close/Open

To open and close the disc tray. Press EJECT button on the front panel or the remote.

Play / Pause

Press Play button to play the disc, during playback, press the key Play / Pause button to continue the playback of the content.

Stop

Press Stop button to stop .

Next / Previous, Chapter, Track or File

Press this button skip advance DVD chapter or CD track, or photofile.
Press this button skip backward DVD chapter or CD track, or photofile.

Repeat section A-B

To repeat playback a specific section of a disc.

Title

While playing a DVD, press the TITLE button return to the DVD disc title menu.

Audio Track

While playback a DVD disc, press AUDIO button repeatedly to select the desired audio sound track.

Zoom

Press the ZOOM button to select TV Screen display.

Subtitle

While play a DVD disc, press SUB button repeatedly to select the desired subtitle.

D.Menu

While playing a DVD ,Press the D.Menu button return to the DVD disc Menu.

I▶

While playing the video of the disc, Press the I▶ buttonto slow playback.

▶▶ ◀◀

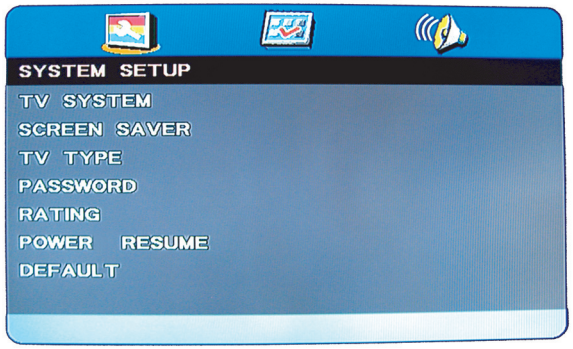
While playback,press the ▶▶ ◀◀ button to Fast forward or Fast rewind.

Customizing the SYSTEM SETUP Settings

Press the SETUP button to enter setup menu

1.Use the Left and Right buttons select SYSTEM SETUP option.

2.Use the Up and Down buttons to highlight an individual SYSTEM SETUP option.

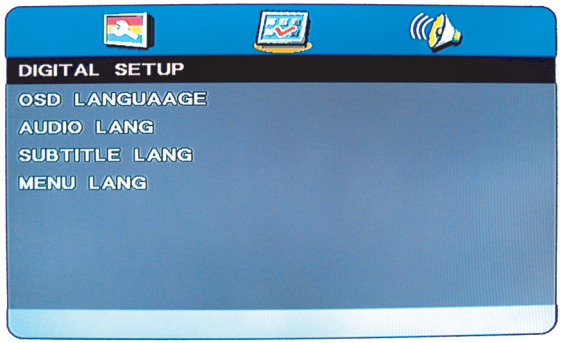


The SYSTEM SETUP menu includes the following options :

TV System	There are NTSC / PAL / AUTO three modes, and choose one mode according your TV mode.
Screen Saver	This function is used to turn the screen saver On or Off.
TV Type	Cycles among TV Type modes: 4:3 pan scan,4:3 letter box,16:9 .
Password	Move the cursor the Password item and press OK button to confirm and then input the secret code “ 0 0 0 0” (if it is the first use).
Rating	You can choose the rating on the screen.
Power Resume	This option starts the resume function.
Default	Setting the 'Default ' function will reset all options and your personal settings to the factory default and all your personal settings will be erased.

Customizing the DIGITAL SETUP Settings

Press the SETUP button to enter setup menu
1.Use the Left and Right buttons select DIGITAL SETUP option.
2.Use the Up and Down buttons to highlight an individual DIGITAL SETUP option.

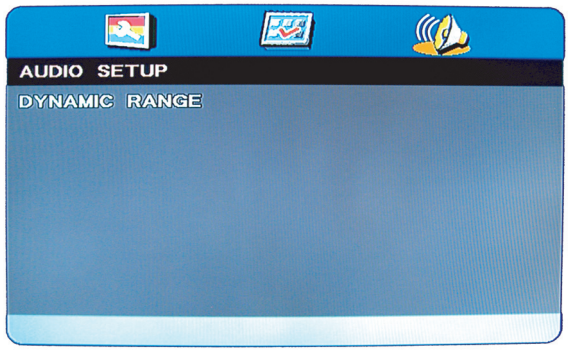


The DIGITAL SETUP menu includes the following options :

OSD Language	You can choose the OSD Language.
Audio Lang	You can choose the Audio Language.
Subtitle Lang	You can choose the Subtitle Language .
Menu Lang	You can choose the Menu Language .

Customizing the AUDIO SETUP Settings

Press the SETUP button to enter setup menu
1.Use the Left and Right buttons select AUDIO SETUP option.
2.Use the Up and Down buttons to highlight an individual AUDIO SETUP option.



The AUDIO SETUP menu includes the following options:

Dynamic Range	To optimize the dynamic sound output high volume outputs are softed, enabling you watch your favourite movie without disturbing others.

Display	LED TV Combo
Size (inch)	31.5” Diagonal
Aspect Ratio	16:9
Digital Compatibility	480i / 480p / 720p / 1080i / 1080p
Resolution	1,366 x 768
Brightness (cd/m2)	300
Contrast	5000:1
Vertical Viewing Angle (degrees)	176°
Horizontal Viewing Angle (degrees)	176°
Maximum Colors (millions)	16.7M
Response Time (ms)	7ms
Audio Power	2 X 7 W
Dimension with Pedestal Installed	21.4” (H) x 30.4” (W) x 8.2” (D)
Weight with Pedestal	21.0 lbs
Input Connections	Composite Video (1) YPbPr (1) HDMI (3) RF (1) PC/VGA (1) PC Audio IN (1) Headphone Jack(3.5mm) (1) COAX (1)

Check for a possible solution to a symptom before contacting a customer service representative.

Symptom	Possible Solutions
Cannot receive certain channels through the antenna	• Perform Channel Scan to add channels into the TV tuner memory. See page 17. • Readjust your antenna and retry Auto Channel Scan. • Signal from the TV station may be weak in your area.
No color	• Check the video installation of your external A/V equipment. See pages 9-14.
Video noise or choppy picture	• Readjust antenna. Keep TV away from noise sources, neon lights, and microwave appliances.
TV blocked on certain channels	• Perform Channel Scan to add channels into the TV tuner memory. See page 17. • Check whether the channel was deleted. See page 26. • Check parental control settings. See pages 24, 25. • Restore default settings. See page 21.
Cannot use certain functions	• If the item chosen in a menu is shown in gray text, that item cannot be selected in the current input.
No sound	• Check that connected audio cables are completely inserted. • Verify you have selected the correct audio source from your amplifier. • Mute function may be enabled, press mute on the remote.
Black box on screen	• The “Text” option is enabled and no text is available. • Press the CC button on the remote control to turn off.
No power	• Batteries in the remote control may need replacing. • Re-attach AC plug to wall outlet. • Check power switch on TV’s rear panel.
No picture	• Digital TV channel signal maybe weak, try another channel. • Press SOURCE button to verify the desired input selected. • Re-connect the antenna or cable wiring. • Restore default settings. See page 21.
Remote control does not function	• Replace batteries with new ones. • Check that battery polarity is correct. • Point remote directly at the TV’s IR receiver. See page 6.
DVD disc won't play	• Eject and reinsert disc with label facing you. • Check that your disc is inserted completely.

Limited North American Warranty
LE3212D

For peace of mind and valuable services, please take a moment to register your product at www.tmaxdigital.com.

Tmax Digital, Inc. expresses the following non-transferable and limited warranty on a new Apex Digital LE3212D purchased from an authorized Apex Digital® U.S. retailer. Retain the original bill of sale for proof of purchase.

Limited One (1) Year Warranty
We warrant the parts in this product against defects in material or workmanship for a period of one (1) year from the date of original purchase from an Apex Digital® authorized retailer. We also warrant labor charges for a period of one (1) year from the date of original purchase. During the limited warranty period, we will provide a technician to service repairs in your home for a TV that is 32" and above, or you may bring it in to an Apex Digital authorized service center. For a list of Apex Digital authorized service centers, please call the Apex Digital customer support line. Service repairs may be made with new or recertified parts. Service that is provided is warranted for the duration of the original warranty or 45 days. If it is determined to have the unit to be sent in for service/replacement, it is customer's responsibility to retain the original packaging or provide secure packaging in order to facilitate any warranty service.

Your Responsibility
The above warranty is subject to the following conditions: You must retain the original bill of sales to provide proof of purchase then call Customer Service for an assessment of the problem. Labor service charges for set installation, setup, adjustment of consumer controls and installation or repair of any type of antenna or cable systems are not covered by this warranty. Reception problems caused by inadequate antenna or cable systems are your responsibility. The warranty extends only to defects in materials or workmanship as limited above and does not extend to any other products or parts, accessories that have been lost, discarded, damaged by misuse, accident, neglect, acts of God such as lightning, voltage surges in the home, improper installation, rendered illegible. Warranty does not cover cosmetic damage.

How to Obtain Warranty Service
If after following the operating instructions and reviewing the FAQ pages for televisions at www.tmaxdigital.com, contact Customer Service directly at (877) 833-1888, from 7 am to 9 pm (CST), daily. You will be instructed on how your claim will be processed.
Have information available including date of purchase, serial number and the problem with the product. Should a problem be determined to be within the limits of the warranty you will be provided with an on-site authorization number and instructions. Proof of purchase must be confirmed before any warranty service can be provided. Should a claim not be covered by the limited warranty, you will be asked whether you wish to have service provided for a fee. We may charge the customer for any service call made for anything not covered by the limited warranty.

Limitations
Your LED panel is an innovative device that is manufactured to precise tolerances with active performing pixels of at least 99.9%. As such, it is NOT a malfunction to view multiple nonperforming pixels on your screen. All warranties implied by state law are expressly limited to the duration of the limited warranty set forth above with the exception of warranties implied by state law. The foregoing warranty is exclusive and in lieu of all other warranties, guarantees, agreements etc., with respect to repair or replacement of any parts. We shall not be liable for consequential or incidental damage or exclusions and imitations of incidental or consequential damages, so the above may not apply to you.

For our Pixel Policy, please refer to our website www.tmaxdigital.com.

This warranty gives you specific rights though these rights may vary from state to state. Some states do not allow limitations on the duration of the warranty or exclusions and limitations of incidental or consequential damages, so the above may not apply to you.